# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 752 | 429/39.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/08/16 13:57 |
| S2 | 370 | S1 and separator | US-PGPUB; USPAT | OR | OFF | 2005/09/06 17:35 |
| S3 | 2 | ("4542079" \| "5981098").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/02 13:50 |
| S4 | 1 | "6387558".pn. | US-PGPUB; USPAT | OR | OFF | 2005/09/02 14:02 |
| S5 | 0 | S4 and inlet | US-PGPUB; USPAT | OR | OFF | 2005/09/02 14:02 |
| S6 | 1 | toyota near jidosha near kabusiki near kaisha | US-PGPUB; USPAT | OR | OFF | 2005/09/02 14:11 |
| S7 | 9853 | toyota near jidosha | US-PGPUB; USPAT | OR | OFF | 2005/09/02 14:12 |
| S8 | 1 | toyota near jidosha near kabusiki | US-PGPUB; USPAT | OR | OFF | 2005/09/02 14:12 |
| S9 | 9745 | toyota near jidosha.as. | US-PGPUB; USPAT | OR | OFF | 2005/09/02 14:12 |
| S10 | 251 | S9 and separator | US-PGPUB; USPAT | OR | OFF | 2005/09/02 14:12 |
| S11 | 1 | "6531245".pn. | US-PGPUB; USPAT | OR | OFF | 2005/09/02 14:20 |
| S12 | 0 | S11 and inlet | US-PGPUB; USPAT | OR | OFF | 2005/09/02 14:17 |
| S13 | 2 | ("4542079" \| "5981098").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/02 14:20 |
| S14 | 543 | fuel near cell near separator | US-PGPUB; USPAT | OR | OFF | 2005/09/02 14:36 |
| S15 | 35242 | "429"/$.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/09/02 16:20 |
| S16 | 9072 | S15 and fuel near cell | US-PGPUB; USPAT | OR | OFF | 2005/09/02 16:21 |
| S17 | 3240 | S16 and separator | US-PGPUB; USPAT | OR | OFF | 2005/09/02 16:21 |
| S18 | 754 | 429/39.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/09/06 11:55 |
| S19 | 371 | S18 and separator | US-PGPUB; USPAT | OR | OFF | 2005/09/06 11:55 |
| S20 | 22 | S19 and bypass | US-PGPUB; USPAT | OR | OFF | 2005/09/06 11:55 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S21 | 2217 | 429/34.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/09/06 17:36 |
| S22 | 171416 | "428"/$.ccls. | US-PGPUB; USPAT | OR | OFF | 2006/02/06 15:52 |
| S23 | 419 | S22 and bypass | US-PGPUB; USPAT | OR | OFF | 2006/02/06 15:49 |
| S24 | 7 | S23 and fuel near cell | US-PGPUB; USPAT | OR | OFF | 2006/02/06 15:50 |
| S25 | 2 | S23 and 429/12-46.ccls. | US-PGPUB; USPAT | OR | OFF | 2006/02/06 15:52 |
| S26 | 1270 | (fuel near cell) and bypass | US-PGPUB; USPAT | OR | OFF | 2006/02/06 15:52 |
| S27 | 36468 | "429"/$.ccls. | US-PGPUB; USPAT | OR | OFF | 2006/02/06 15:52 |
| S28 | 812 | S27 and bypass | US-PGPUB; USPAT | OR | OFF | 2006/02/06 15:52 |
| S29 | 651 | S28 and (fuel near cell) | US-PGPUB; USPAT | OR | OFF | 2006/02/06 15:53 |
| S30 | 279 | S29 and upstream | US-PGPUB; USPAT | OR | OFF | 2006/02/06 15:53 |
| S31 | 45 | S30 and gas near passage | US-PGPUB; USPAT | OR | OFF | 2006/02/06 15:57 |
| S32 | 1 | "6387558".pn. | US-PGPUB; USPAT | OR | OFF | 2006/02/06 15:57 |
| S33 | 1 | S32 and bypass | US-PGPUB; USPAT | OR | OFF | 2006/02/07 15:53 |
| S34 | 432 | "l11" and bypass$ | US-PGPUB; USPAT | OR | OFF | 2006/02/07 15:52 |
| S35 | 1 | "6387558".pn. | US-PGPUB; USPAT | OR | OFF | 2006/02/07 15:53 |
| S36 | 1 | S35 and bypass | US-PGPUB; USPAT | OR | OFF | 2006/02/07 15:53 |
| S37 | 1 | S35 and bypass$ | US-PGPUB; USPAT | OR | OFF | 2006/02/07 17:14 |
| S38 | 10 | "6322915" | US-PGPUB; USPAT | OR | OFF | 2006/02/07 17:14 |
| S39 | 0 | "6322915.pn." | US-PGPUB; USPAT | OR | OFF | 2006/02/07 17:14 |
| S40 | 1 | "6322915".pn. | US-PGPUB; USPAT | OR | OFF | 2006/02/07 19:39 |
| S41 | 5 | ("5230966" | "5547776" | "5700595" | "5773160" | "5922485").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/07 19:25 |
| S42 | 5 | ("6322915").URPN. | USPAT | OR | OFF | 2006/02/07 19:32 |

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|---|---|---|---|---|---|---|
| S43 | 27934 | "429"/$.ccls. | USPAT | OR | OFF | 2006/02/07 19:32 |
| S44 | 415 | S43 and bypass | USPAT | OR | OFF | 2006/02/07 19:34 |
| S45 | 37 | S43 and bypass same separator | USPAT | OR | OFF | 2006/02/07 19:36 |
| S46 | 22 | S43 and bypass same (coolant near flow) | USPAT | OR | OFF | 2006/02/07 19:36 |
| S47 | 1 | "6322915".pn. | US-PGPUB; USPAT | OR | OFF | 2006/02/07 19:39 |
| S48 | 1 | S47 and first near coolant near inlet | US-PGPUB; USPAT | OR | OFF | 2006/02/07 19:40 |
| S49 | 1 | S47 and second near coolant near outlet | US-PGPUB; USPAT | OR | OFF | 2006/02/07 19:41 |
| S50 | 1 | S47 and first near coolant near outlet | US-PGPUB; USPAT | OR | OFF | 2006/02/07 19:43 |
| S51 | 5 | "429"/$.ccls. and (split near path) | US-PGPUB; USPAT | OR | OFF | 2006/02/07 19:44 |
| S52 | 5 | (fuel near cell) and (split near path) | US-PGPUB; USPAT | OR | OFF | 2006/02/07 19:44 |
| S53 | 1788 | separator same bypass | US-PGPUB; USPAT | OR | OFF | 2006/08/07 15:10 |
| S54 | 347 | separator same bypass same inlet same outlet | US-PGPUB; USPAT | OR | OFF | 2006/08/07 15:13 |
| S55 | 1095 | separator same bypass same inlet same outlet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/07 15:10 |
| S56 | 62 | S55 and gas near passages | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/07 15:11 |
| S57 | 62 | S55 and gas near passage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/07 15:11 |
| S58 | 22 | (separator same bypass same inlet same outlet) and fuel near cell | US-PGPUB; USPAT | OR | OFF | 2006/08/07 15:21 |
| S59 | 10 | (separator near10 bypass same inlet same outlet) and fuel near cell | US-PGPUB; USPAT | OR | OFF | 2006/08/07 15:21 |
| S60 | 140 | (separator near10 bypass same inlet same outlet) | US-PGPUB; USPAT | OR | OFF | 2006/08/07 15:35 |

12/9/07 11:57:11 PM
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|---|---|---|---|---|---|---|
| S61 | 216 | separator same bypass same inlet near10 outlet | US-PGPUB; USPAT | OR | OFF | 2006/08/07 15:36 |
| S62 | 104 | S61 not S60 | US-PGPUB; USPAT | OR | OFF | 2006/08/07 15:36 |
| S63 | 706 | separator same bypass same inlet near10 outlet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/07 15:36 |
| S64 | 310 | separator same bypass same inlet near10 outlet same (side) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/07 15:44 |
| S65 | 233 | separator near10 bypass same inlet near10 outlet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/07 15:45 |
| S66 | 145 | S65 not S64 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/07 15:44 |
| S67 | 8 | (fuel near cell) same separator near10 bypass same inlet near10 outlet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/07 15:46 |
| S68 | 462 | 29/2.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/08/16 14:00 |
| S69 | 347 | 429/129.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/08/16 14:01 |
| S70 | 2 | S69 and bypass | US-PGPUB; USPAT | OR | OFF | 2007/08/16 14:01 |
| S71 | 118 | 429/143.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/08/16 14:01 |
| S72 | 1 | S71 and bypass | US-PGPUB; USPAT | OR | OFF | 2007/08/16 14:02 |
| S73 | 117 | 429/147.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/08/16 14:02 |
| S74 | 3 | S73 and bypass | US-PGPUB; USPAT | OR | OFF | 2007/08/16 14:09 |

# EAST Search History

| S75 | 0 | 2004/0038112.pn. | US-PGPUB; USPAT | OR | OFF | 2007/08/16 14:09 |
|-----|---|------------------|-----------------|----|----|------------------|
| S76 | 1 | "20040038112".pn. | US-PGPUB; USPAT | OR | OFF | 2007/08/16 14:10 |
| S77 | 1 | "20030215693".pn. | US-PGPUB; USPAT | OR | OFF | 2007/08/16 14:11 |